	CENTRAL INTELLIGENCE AGENCY INFORMATION REPORT	REPOR	
COUNTRY	USSR(Estonia)	DATE DISTR /2 JAN 54	1
SUBJECT	Sillamae Oil Shale Refinery/Reported Jarva Jaani Refinery	NO. OF PAGES 2	
PLACE ACQUIRED		NO. OF ENCLS.	
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After the carbonization process the wash oil expanded in an evaporizer
and entered fractionizing columns where separation took place in to:
Distillate I (crude gasoline), Distillate II (reused as wash oil), and

In the refinery caustic soda solution and litharge were added continuously, by means of Laval centrifuges. Treatment with sulphuric acid was used as well as the addition of hydroquinons to prevent the formation of gums. Sweetening was done by means of litharge. Redistillation was in three stages. The refinery and redistillation losses amounted to four per cent of the total gasoline production. An average of 18% of crude gasoline was obtained from the total production of crude shale oil. The yield of marketable products from the crude gasoline was as follows:

Gasoline, boiling range 122° to 320°F, about 70%
Tractor gasoline, boiling range 320° to 392°F, about 20%
Lesses 4%

This refinery produced from 1936 to 1943 approximately 100 thousand barrels gasoline and 44 thousand barrels tractor gasoline. The refinery was one of the smallest in the oil shale industry and was destroyed by UMER bombingin late 1943. The German expansion program foresaw no expansion of this plant but rather its shutdown and concentration of all oil refining facilities at the three rejor plants of Eivioli, Echtla-Jarve and Ahtme.

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